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# Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

*Prepared by the* COMMUNICABLE DISEASE CENTER 634-5131

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## PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 23, 1963

**POLIOMYELITIS** – Twenty paralytic and 2 non-paralytic cases of poliomyelitis were reported for the week ended November 23. Fourteen cases, including a non-paralytic case, were reported from Florida; 3 from Virginia; 2 from Pennsylvania; and one each from North Carolina, South Carolina, and Mississippi. The nation's total of 401 cases thus far in 1963 remains below one-half that reported for a comparable period last year.

### Florida

All the cases reported from Florida this week occurred in the Jacksonville-Duval County area bringing the total there to 21 cases, 20 of which are paralytic. Three deaths have occurred and additional suspects are under surveillance. Type I poliovirus has been isolated from 15 cases, including the 3 fatalities. Onset dates and paralytic status of the cases are shown graphically on page

Eighteen of the 21 cases occurred in Negroes. Although immunization data are not complete, preliminary information indicates that a large majority of the cases were inadequately immunized. Geographically, the cases were widely scattered throughout Jacksonville and Duval Counties.

Of the 21 cases, 20 occurred in pre-school age children; 13 cases occurred in children 2 years of age or younger.

On Sunday, November 24, a mass immunization program utilizing Type 1 oral polio vaccine was carried out.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

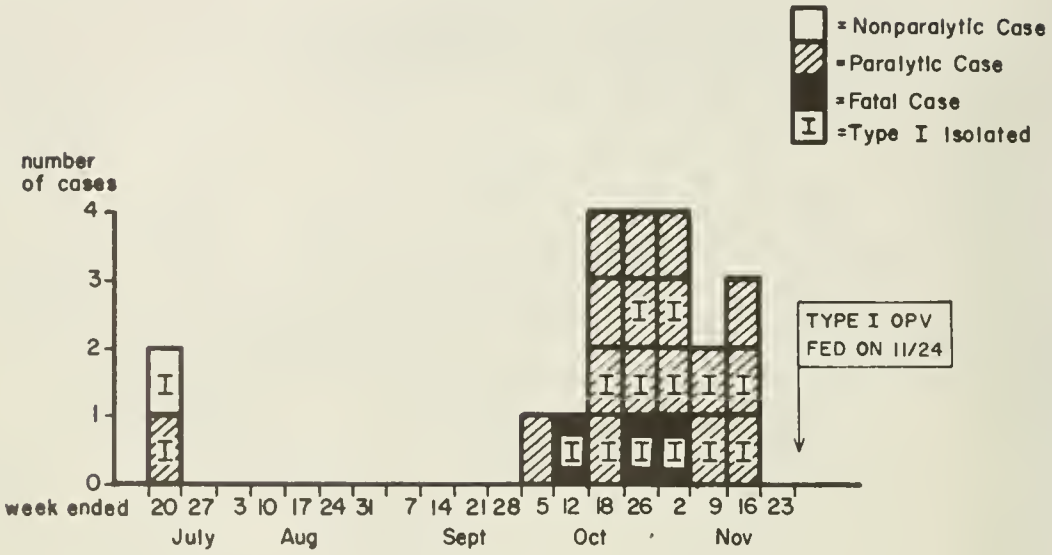
(Cumulative totals include revised and delayed reports through previous week)

| Disease | 47th Week | | | Cumulative First 47 weeks | | |
|---|---|---|---|---|---|---|
| | Ended November 23, 1963 | Ended November 24, 1962 | Median 1958 - 1962 | 1963 | 1962 | Median 1958 - 1962 |
| Aseptic meningitis | 28 | 39 | --- | 1,678 | 2,351 | --- |
| Brucellosis | 8 | 1 | 9 | 333 | 354 | 659 |
| Diphtheria | 8 | 15 | 28 | 246 | 413 | 702 |
| Encephalitis, infectious | 17 | 25 | 22 | 1,414 | 1,680 | 1,679 |
| Hepatitis, infectious and serum | 797 | 776 | 776 | 39,090 | 48,836 | 34,917 |
| Measles | 2,442 | 2,467 | 2,371 | 371,313 | 458,229 | 409,863 |
| Meningococcal infections | 42 | 32 | 37 | 2,143 | 1,914 | 2,043 |
| Poliomyelitis, total | 22 | 28 | 40 | 401 | 826 | 3,070 |
| Paralytic | 20 | 21 | 36 | 343 | 653 | 2,124 |
| Nonparalytic | 2 | 4 | 2 | 40 | 121 | 626 |
| Unspecified | - | 3 | 2 | 18 | 52 | 320 |
| Streptococcal sore throat and Scarlet fever | 6,416 | 5,410 | --- | 303,824 | 280,421 | --- |
| Tetanus | 5 | 8 | --- | 256 | 265 | --- |
| Tularemia | 4 | 6 | --- | 264 | 261 | --- |
| Typhoid fever | 7 | 14 | 12 | 488 | 582 | 755 |
| Typhus fever, tick-borne, (Rocky Mountain spotted) | 1 | - | --- | 173 | 214 | --- |
| Rabies in Animals | 64 | 28 | 65 | 3,417 | 3,313 | 3,313 |

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

| | Cum. | | Cum. |
|---|---|---|---|
| Anthrax: | 4 | Psittacosis: Ill. - 1 | 69 |
| Botulism: Ala. - 2, Minn. - 1 | 39 | Rabies in Man: | 1 |
| Malaria: N.C. - 1, Pa. - 2 | 97 | Smallpox: | - |
| Plague: | - | Typhus, murine: | 27 |

POLIOMYELITIS - By Week of Onset
Duval County, Florida 1963




About 420,000 of the 470,000 Duval County residents (89 percent) received the vaccine, by estimate.

*(Reported by C. M. Sharp, M.D., Assistant State Health Officer, Florida State Board of Health, Edward R. Smith, M.D., City Health Officer, Jacksonville Department of Health; and Thomas E. Morgan, M.D., M.P.H., Director, Duval County Health Department.)*

### Virginia

The 3 cases from Virginia were all paralytic and represent a geographic clustering of Type 1 cases in a small community in Goochland County.

| Case No. | Age | Race | Sex | Paralytic Status | Onset | IPV | Virus Isolation |
|---|---|---|---|---|---|---|---|
| 1 | 15 | N | M | P | 11/11 | 3 | I |
| 2 | 8 | N | M | P | 11/12 | 0 | I |
| 3 | 7 | N | F | P | 11/19 | 0 | – |

Case 2 and Case 3 live in the same household and Case 1 lives across the street.

Type I oral polio vaccine was administered to school children, neighbors and household contacts of the cases. A community-wide Type 1 oral polio vaccine program is planned for December 8.

*(Reported by Dr. James B. Kenley, Director, Bureau of Epidemiology, Virginia State Department of Health.)*

### Pennsylvania

The 2 cases from Pennsylvania represent delayed reports of paralytic cases, both with Type 1 isolates, which occurred in September. One case occurred in Lancaster County. The other case occurred in Philadelphia, bringing the total to 55 in that city thus far in 1963. Of the 55 Philadelphia cases, 42 have been paralytic.

*(Reported by Dr. W. D. Schrack, Jr., Director, Division of Communicable Disease Control, Pennsylvania State Department of Health.)*

**BOTULISM** – Three cases of botulism were reported for the week ended November 23. Two cases were reported from Alabama and one case from Minnesota. The 3 cases bring the total to 39 thus far in 1963.

### Alabama.

The 2 cases from Alabama are delayed reports and were related to the smoked whitefish chub incident (See MMWR, Vol. 12, pp. 329, 337, 345, 358, and 378). The patients ate the smoked whitefish chub on October 4 and October 6, respectively, and were treated in a Tennessee hospital. Neither case was fatal.

These cases bring the corrected total for the smoked whitefish outbreak to 17 cases, including 7 deaths. In addition to this outbreak, a separate outbreak which occurred in Michigan, also of Type E botulism related to smoked whitefish, accounted for 2 cases, both fatal. These Michigan cases have not been epidemiologically

*(Continued on page 400)*

## SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS
## OCTOBER 1963 AND OCTOBER 1962

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Area October 1963 and October 1962 - Provisional Data

| Reporting Area | October | | Cumulative Jan - Oct | |
|---|---|---|---|---|
| | 1963 | 1962 | 1963 | 1962 |
| NEW ENGLAND | 56 | 60 | 398 | 452 |
| Maine | 2 | - | 9 | 6 |
| New Hampshire | - | 1 | 8 | 9 |
| Vermont | 1 | - | 7 | - |
| Massachusetts | 36 | 33 | 247 | 286 |
| Rhode Island | 2 | 3 | 15 | 24 |
| Connecticut | 15 | 23 | 112 | 127 |
| MIDDLE ATLANTIC | 703 | 637 | 5,111 | 4,997 |
| Upstate New York | 86 | 71 | 586 | 517 |
| New York City | 415 | 340 | 2,860 | 2,691 |
| Pa. (Excl. Phila.) | 34 | 29 | 143 | 139 |
| Philadelphia | 41 | 61 | 547 | 661 |
| New Jersey | 127 | 136 | 975 | 989 |
| EAST NORTH CENTRAL | 186 | 186 | 1,651 | 1,411 |
| Ohio | 34 | 31 | 321 | 276 |
| Indiana | 7 | 6 | 46 | 78 |
| Downstate Illinois | 15 | 12 | 101 | 100 |
| Chicago | 86 | 90 | 764 | 672 |
| Michigan | 37 | 33 | 367 | 238 |
| Wisconsin | 7 | 14 | 52 | 47 |
| WEST NORTH CENTRAL | 44 | 25 | 414 | 337 |
| Minnesota | 8 | 5 | 64 | 50 |
| Iowa | 1 | 3 | 25 | 38 |
| Missouri | 22 | 8 | 191 | 159 |
| North Dakota | - | - | 4 | 4 |
| South Dakota | 2 | 1 | 26 | 29 |
| Nebraska | 2 | 4 | 52 | 12 |
| Kansas | 9 | 4 | 52 | 45 |
| SOUTH ATLANTIC | 600 | 564 | 5,250 | 4,976 |
| Delaware | 5 | 2 | 44 | 35 |
| Maryland | 51 | 48 | 474 | 439 |
| District of Columbia | 46 | 58 | 551 | 610 |
| Virginia | 36 | 47 | 279 | 365 |
| West Virginia | 7 | 1 | 37 | 36 |
| North Carolina | 74 | 93 | 754 | 647 |
| South Carolina | 58 | 66 | 607 | 686 |
| Georgia | 106 | 107 | 912 | 827 |
| Florida | 217 | 142 | 1,592 | 1,331 |

| Reporting Area | October | | Cumulative Jan - Oct | |
|---|---|---|---|---|
| | 1963 | 1962 | 1963 | 1962 |
| EAST SOUTH CENTRAL | 144 | 114 | 1,305 | 995 |
| Kentucky | 15 | 11 | 134 | 113 |
| Tennessee | 38 | 44 | 339 | 273 |
| Alabama | 71 | 52 | 584 | 492 |
| Mississippi | 20 | 7 | 248 | 117 |
| WEST SOUTH CENTRAL | 240 | 263 | 2,298 | 2,392 |
| Arkansas | 13 | 24 | 173 | 186 |
| Louisiana | 54 | 91 | 476 | 980 |
| Oklahoma | 21 | 12 | 164 | 118 |
| Texas | 152 | 136 | 1,485 | 1,108 |
| MOUNTAIN | 47 | 32 | 406 | 301 |
| Montana | 3 | 4 | 9 | 7 |
| Idaho | - | 1 | 6 | 4 |
| Wyoming | 5 | - | 15 | - |
| Colorado | 3 | 6 | 31 | 62 |
| New Mexico | 17 | 9 | 109 | 57 |
| Arizona | 13 | 6 | 171 | 109 |
| Utah | 2 | 1 | 15 | 6 |
| Nevada | 4 | 5 | 50 | 56 |
| PACIFIC | 254 | 237 | 1,878 | 1,561 |
| Washington | 17 | 5 | 106 | 31 |
| Oregon | 8 | 3 | 55 | 40 |
| California | 226 | 228 | 1,694 | 1,469 |
| Alaska | 1 | - | 6 | 5 |
| Hawaii | 2 | 1 | 17 | 16 |
| U. S. TOTAL | 2,274 | 2,118 | 18,711 | 17,422 |
| TERRITORIES | 128 | 55 | 698 | 439 |
| Puerto Rico | 126 | 49 | 683 | 412 |
| Virgin Islands | 2 | 6 | 15 | 27 |

Note: Cumulative Totals include revised and delayed reports through previous months.

### Venereal Disease Summary

The 2,274 cases of infectious syphilis for October 1963, represent the largest number of cases for any one month since these reports were first submitted to the Communicable Disease Center in July 1961. The previous monthly high of primary and secondary syphilis was 2,118 cases reported in October 1962.

The 18,711 cases reported through October 1963, represent an increase of 7 percent over the number of cases reported for a comparable period in 1962.

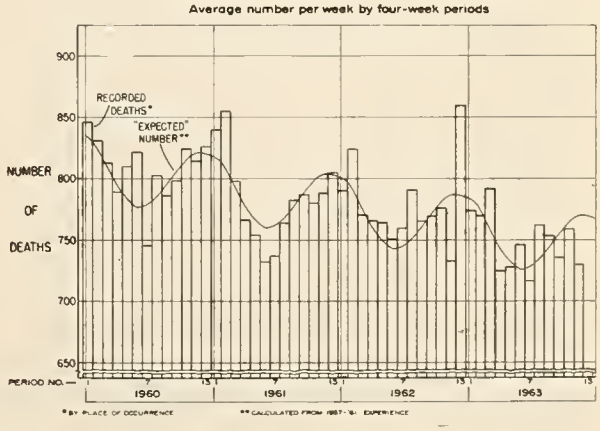
## INFANT DEATHS IN 108 CITIES

The weekly average number of infant deaths in 108 cities for the four-week period ending November 23 was 730 as compared with an expected weekly average of 770.

TOTAL DEATHS UNDER ONE YEAR OF AGE IN 108 CITIES

| | WEEK ENDING | | | | 4 Week Total | Weekly Average |
|---|---|---|---|---|---|---|
| | 11/2 | 11/9 | 11/16 | 11/23 | | |
| Observed | 767 | 753 | 693 | 707 | 2,920 | 730 |
| Expected | 769 | 770 | 770 | 770 | 3,079 | 770 |
| Excess | -2 | -17 | -77 | -63 | -159 | -40 |

DEATHS UNDER ONE YEAR OF AGE IN 108 U.S. CITIES
Average number per week by four-week periods




(See table page 399)

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

NOVEMBER 23, 1963 AND NOVEMBER 24, 1962

| Area | Poliomyelitis, total cases | | | | Poliomyelitis, paralytic | | | | Poliomyelitis, nonparalytic | | Aseptic Meningitis | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 47th week | | Cumulative First 47 weeks | | 47th week | | Cumulative First 47 weeks | | 47th week | | 47th week | |
| | 1963 | 1962 | 1963 | 1962 | 1963 | 1962 | 1963 | 1962 | 1963 | 1962 | 1963 | 1962 |
| UNITED STATES | 22 | 28 | 401 | 826 | 20 | 21 | 343 | 653 | 2 | 4 | 28 | 39 |
| NEW ENGLAND | - | 1 | 8 | 9 | - | 1 | 8 | 8 | - | - | 2 | 3 |
| Maine | - | - | 2 | - | - | - | 2 | - | - | - | - | 1 |
| New Hampshire | - | - | - | - | - | - | - | - | - | - | - | - |
| Vermont | - | - | 1 | 1 | - | - | 1 | - | - | - | - | - |
| Massachusetts | - | 1 | 3 | 7 | - | 1 | 3 | 7 | - | - | - | 1 |
| Rhode Island | - | - | - | - | - | - | - | - | - | - | 2 | 1 |
| Connecticut | - | - | 2 | 1 | - | - | 2 | 1 | - | - | - | - |
| MIDDLE ATLANTIC | 2 | 1 | 116 | 79 | 2 | 1 | 93 | 57 | - | - | 3 | 4 |
| New York | - | 1 | 9 | 59 | - | 1 | 6 | 40 | - | - | 3 | 4 |
| New Jersey | - | - | 4 | 7 | - | - | 3 | 7 | - | - | - | - |
| Pennsylvania | 2 | - | 103 | 13 | 2 | - | 84 | 10 | - | - | - | - |
| EAST NORTH CENTRAL | - | 6 | 54 | 128 | - | 5 | 43 | 96 | - | 1 | 5 | 2 |
| Ohio | - | 1 | 8 | 20 | - | 1 | 4 | 18 | - | - | 1 | - |
| Indiana | - | - | 4 | 20 | - | - | 3 | 16 | - | - | - | - |
| Illinois | - | 2 | 17 | 58 | - | 1 | 16 | 41 | - | 1 | 1 | - |
| Michigan | - | 1 | 16 | 20 | - | 1 | 16 | 16 | - | - | 3 | 2 |
| Wisconsin | - | 2 | 9 | 10 | - | 2 | 4 | 5 | - | - | - | - |
| WEST NORTH CENTRAL | - | - | 7 | 38 | - | - | 6 | 27 | - | - | - | 2 |
| Minnesota | - | - | 4 | 7 | - | - | 4 | 7 | - | - | - | 2 |
| Iowa | - | - | - | 7 | - | - | - | 3 | - | - | - | - |
| Missouri | - | - | - | 10 | - | - | - | 5 | - | - | - | - |
| North Dakota | - | - | 1 | 5 | - | - | - | 3 | - | - | - | - |
| South Dakota | - | - | 1 | 1 | - | - | 1 | 1 | - | - | - | - |
| Nebraska | - | - | 1 | 8 | - | - | 1 | 8 | - | - | - | - |
| Kansas | - | - | - | - | - | - | - | - | - | - | - | - |
| SOUTH ATLANTIC | 19 | 4 | 90 | 73 | 17 | 4 | 78 | 63 | 2 | - | 1 | 1 |
| Delaware | - | - | 1 | - | - | - | 1 | - | - | - | 1 | 1 |
| Maryland | - | - | 3 | 2 | - | - | 1 | 1 | - | - | - | - |
| District of Columbia | - | - | 1 | 2 | - | - | - | 1 | - | - | - | - |
| Virginia | 3 | - | 21 | 8 | 3 | - | 16 | 8 | - | - | - | - |
| West Virginia | - | 3 | 3 | 14 | - | 3 | 3 | 14 | - | - | - | - |
| North Carolina | 1 | - | 5 | 13 | - | - | 4 | 11 | 1 | - | - | - |
| South Carolina | 1 | - | 8 | 6 | 1 | - | 7 | 6 | - | - | - | - |
| Georgia | - | 1 | 21 | 17 | - | 1 | 20 | 14 | - | - | - | - |
| Florida | 14 | - | 27 | 11 | 13 | - | 26 | 8 | 1 | - | - | - |
| EAST SOUTH CENTRAL | 1 | 7 | 72 | 77 | 1 | 6 | 66 | 64 | - | 1 | 4 | 12 |
| Kentucky | - | - | - | 29 | - | - | - | 23 | - | - | - | 9 |
| Tennessee | - | 1 | 10 | 11 | - | - | 9 | 5 | - | 1 | 2 | 1 |
| Alabama | - | - | 53 | 22 | - | - | 48 | 22 | - | - | - | - |
| Mississippi | 1 | 6 | 9 | 15 | 1 | 6 | 9 | 14 | - | - | 2 | 2 |
| WEST SOUTH CENTRAL | - | 8 | 28 | 319 | - | 3 | 27 | 244 | - | 2 | - | 3 |
| Arkansas | - | - | 5 | 21 | - | - | 4 | 18 | - | - | - | - |
| Louisiana | - | - | 15 | 25 | - | - | 15 | 22 | - | - | - | - |
| Oklahoma | - | 6 | 1 | 29 | - | 2 | 1 | 20 | - | 1 | - | - |
| Texas | - | 2 | 7 | 244 | - | 1 | 7 | 184 | - | 1 | - | 3 |
| MOUNTAIN | - | - | 5 | 18 | - | - | 4 | 14 | - | - | 2 | 1 |
| Montana | - | - | - | 4 | - | - | - | 3 | - | - | - | - |
| Idaho | - | - | 1 | 2 | - | - | 1 | 1 | - | - | - | - |
| Wyoming | - | - | - | 2 | - | - | - | 1 | - | - | - | - |
| Colorado | - | - | - | 3 | - | - | - | 2 | - | - | 2 | 1 |
| New Mexico | - | - | 1 | 2 | - | - | - | 2 | - | - | - | - |
| Arizona | - | - | 3 | 3 | - | - | 3 | 3 | - | - | - | - |
| Utah | - | - | - | 2 | - | - | - | 2 | - | - | - | - |
| Nevada | - | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC | - | 1 | 21 | 85 | - | 1 | 18 | 80 | - | - | 11 | 11 |
| Washington | - | - | 2 | 5 | - | - | 2 | 5 | - | - | 2 | 1 |
| Oregon | - | - | 2 | 6 | - | - | 1 | 5 | - | - | - | - |
| California | - | 1 | 17 | 74 | - | 1 | 15 | 70 | - | - | 9 | 10 |
| Alaska | - | - | - | - | - | - | - | - | - | - | - | - |
| Hawaii | - | - | - | - | - | - | - | - | - | - | - | - |
| Puerto Rico | - | - | 5 | 12 | - | - | 4 | 12 | - | - | - | - |

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
NOVEMBER 23, 1963 AND NOVEMBER 24, 1962 - (Continued)

| Area | Brucellosis | | Diphtheria | | Encephalitis, infectious | | Hepatitis, infectious and serum | | | | Measles | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 47th week | | | | | |
| | 47th week | Cumulative 47 weeks | 47th week | Cumulative 47 weeks | 47th week | | Under 20 yr. | 20 & over | Total | | 47th week | |
| | 1963 | 1963 | 1963 | 1963 | 1963 | 1962 | 1963 | 1963 | 1963 | 1962 | 1963 | 1962 |
| UNITED STATES | 8 | 333 | 8 | 246 | 17 | 25 | 391 | 358 | 797 | 776 | 2,442 | 2,467 |
| NEW ENGLAND | - | 1 | - | 8 | - | - | 58 | 51 | 109 | 87 | 230 | 161 |
| Maine | - | - | - | - | - | - | 26 | 22 | 48 | 36 | 4 | 17 |
| New Hampshire | - | - | - | - | - | - | 11 | 7 | 18 | 3 | - | 2 |
| Vermont | - | 1 | - | - | - | - | 3 | 1 | 4 | 2 | 65 | 16 |
| Massachusetts | - | - | - | 6 | - | - | 9 | 11 | 20 | 32 | 35 | 42 |
| Rhode Island | - | - | - | 2 | - | - | - | 4 | 4 | 5 | 34 | - |
| Connecticut | - | - | - | - | - | - | 9 | 6 | 15 | 9 | 92 | 84 |
| MIDDLE ATLANTIC | - | 8 | - | 22 | 6 | 7 | 85 | 102 | 187 | 154 | 634 | 181 |
| New York | - | 4 | - | 13 | 6 | 7 | 51 | 54 | 105 | 97 | 274 | 74 |
| New Jersey | - | 1 | - | 4 | - | - | 9 | 21 | 30 | 16 | 211 | 36 |
| Pennsylvania | - | 3 | - | 5 | - | - | 25 | 27 | 52 | 41 | 149 | 71 |
| EAST NORTH CENTRAL | 3 | 46 | 2 | 34 | 4 | - | 64 | 39 | 117 | 127 | 471 | 944 |
| Ohio | - | - | - | 1 | 1 | - | 22 | 14 | 44 | 50 | 82 | 68 |
| Indiana | - | 6 | - | 10 | - | - | 12 | 1 | 13 | 15 | 55 | 35 |
| Illinois | - | 22 | 2 | 17 | 1 | - | 6 | 10 | 16 | 25 | 169 | 22 |
| Michigan | - | 6 | - | 4 | 1 | - | 23 | 14 | 37 | 32 | 112 | 182 |
| Wisconsin | 3 | 12 | - | 2 | 1 | - | 1 | - | 7 | 5 | 53 | 637 |
| WEST NORTH CENTRAL | 3 | 174 | - | 41 | 3 | - | 31 | 17 | 51 | 18 | 40 | 125 |
| Minnesota | - | 9 | - | 15 | - | - | 1 | 3 | 5 | 2 | 2 | 8 |
| Iowa | 2 | 130 | - | 1 | - | - | 2 | 4 | 6 | 3 | 15 | 60 |
| Missouri | - | 12 | - | 1 | - | - | 5 | 7 | 13 | 6 | 5 | 3 |
| North Dakota | - | - | - | 2 | 1 | - | 13 | - | 13 | - | 18 | 54 |
| South Dakota | 1 | 11 | - | 12 | - | - | 4 | - | 5 | 3 | - | - |
| Nebraska | - | 6 | - | 10 | - | - | 3 | 3 | 6 | 3 | - | - |
| Kansas | - | 6 | - | - | 2 | - | 3 | - | 3 | 1 | NN | NN |
| SOUTH ATLANTIC | 1 | 22 | 2 | 58 | 1 | 2 | 34 | 32 | 68 | 74 | 143 | 123 |
| Delaware | - | - | - | - | - | - | 2 | 1 | 3 | 1 | 12 | 2 |
| Maryland | - | - | - | - | - | - | 7 | 2 | 9 | 6 | 29 | 4 |
| District of Columbia | - | - | - | 1 | - | - | - | - | - | 3 | 13 | 6 |
| Virginia | - | 11 | - | - | - | - | 1 | 2 | 3 | 9 | - | 11 |
| West Virginia | - | - | - | 1 | - | - | 4 | 6 | 11 | 10 | 49 | 89 |
| North Carolina | 1 | 5 | - | 5 | - | 1 | 18 | 13 | 31 | 19 | 18 | 11 |
| South Carolina | - | - | - | 17 | - | 1 | 1 | - | 1 | 3 | 20 | - |
| Georgia | - | 3 | - | 18 | - | - | - | 1 | 1 | 1 | - | - |
| Florida | - | 3 | 2 | 16 | 1 | - | 1 | 7 | 9 | 22 | 2 | - |
| EAST SOUTH CENTRAL | - | 14 | 1 | 21 | 1 | 3 | 16 | 9 | 27 | 61 | 266 | 152 |
| Kentucky | - | 3 | - | - | - | 2 | 8 | 3 | 13 | 27 | 216 | 35 |
| Tennessee | - | 6 | - | 3 | 1 | 1 | 6 | 2 | 8 | 23 | 47 | 116 |
| Alabama | - | 5 | 1 | 15 | - | - | 1 | 2 | 3 | 8 | - | - |
| Mississippi | - | - | - | 3 | - | - | 1 | 2 | 3 | 3 | 3 | 1 |
| WEST SOUTH CENTRAL | 1 | 36 | 3 | 53 | - | 2 | 36 | 21 | 58 | 35 | 55 | 93 |
| Arkansas | - | 8 | 1 | 3 | - | - | 1 | 1 | 2 | 5 | - | 50 |
| Louisiana | - | 8 | 2 | 33 | - | - | 4 | 7 | 11 | 2 | - | - |
| Oklahoma | - | 5 | - | 6 | - | - | - | - | - | 4 | 2 | - |
| Texas | 1 | 15 | - | 11 | - | 2 | 31 | 13 | 45 | 24 | 53 | 43 |
| MOUNTAIN | - | 9 | - | 5 | 1 | 1 | 10 | 5 | 40 | 51 | 235 | 301 |
| Montana | - | - | - | - | - | - | 1 | 2 | 3 | 4 | 167 | 76 |
| Idaho | - | - | - | - | - | - | - | - | 11 | 7 | 14 | 30 |
| Wyoming | - | 1 | - | - | - | 1 | - | 1 | 1 | 5 | 6 | 1 |
| Colorado | - | - | - | 3 | - | - | 2 | 1 | 3 | 11 | 14 | 62 |
| New Mexico | - | - | - | 2 | - | - | 3 | 1 | 4 | 7 | NN | NN |
| Arizona | - | 3 | - | - | - | - | - | - | 14 | 9 | 5 | 11 |
| Utah | - | 5 | - | - | 1 | - | 4 | - | 4 | 8 | 29 | 121 |
| Nevada | - | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC | - | 23 | - | 4 | 1 | 10 | 57 | 82 | 140 | 169 | 368 | 387 |
| Washington | - | - | - | - | - | - | 6 | 6 | 12 | 21 | 85 | 108 |
| Oregon | - | 3 | - | - | - | - | 6 | 10 | 17 | 16 | 45 | 54 |
| California | - | 18 | - | 4 | 1 | 10 | 39 | 60 | 99 | 110 | 203 | 161 |
| Alaska | - | - | - | - | - | - | 6 | 5 | 11 | 19 | 35 | 14 |
| Hawaii | - | 2 | - | - | - | - | - | 1 | 1 | 3 | - | 50 |
| Puerto Rico | - | 1 | 1 | 13 | - | - | 14 | 1 | 15 | 9 | 85 | 35 |

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES, UNITED STATES FOR WEEKS ENDED NOVEMBER 23, 1963 AND NOVEMBER 24, 1962 - (Continued)

| Area | Meningococcal Infections | | Streptococcal Sore Throat & Scarlet Fever | | Tetanus | Tickborne Typhus (Rcky Mt. Spotted) | Tularemia | Typhoid Fever | | Rabies in Animals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 47th wk. | Cumulative 47 weeks | 47th week | | 47th wk. | 47th wk. | 47th wk. | 47th wk. | Cumulative 47 weeks | 47th week | | Cumulative 47 weeks |
| | 1963 | 1963 | 1963 | 1962 | 1963 | 1963 | 1963 | 1963 | 1963 | 1963 | 1962 | 1963 |
| UNITED STATES | 42 | 2,143 | 6,416 | 5,410 | 5 | 1 | 4 | 7 | 488 | 64 | 28 | 3,417 |
| NEW ENGLAND | 3 | 130 | 657 | 459 | - | - | - | - | 12 | - | - | 32 |
| Maine | - | 19 | 96 | 60 | - | - | - | - | 2 | - | - | 2 |
| New Hampshire | - | 4 | - | 11 | - | - | - | - | - | - | - | 15 |
| Vermont | - | 6 | 9 | 6 | - | - | - | - | 1 | - | - | 14 |
| Massachusetts | - | 58 | 75 | 60 | - | - | - | - | 6 | - | - | 1 |
| Rhode Island | 1 | 12 | 26 | 28 | - | - | - | - | - | - | - | - |
| Connecticut | 2 | 31 | 451 | 294 | - | - | - | - | 3 | - | - | - |
| MIDDLE ATLANTIC | 6 | 298 | 386 | 210 | - | - | - | 1 | 87 | 1 | 1 | 112 |
| New York | 2 | 139 | 295 | 151 | - | - | - | - | 45 | 1 | 1 | 83 |
| New Jersey | 3 | 47 | 53 | 32 | - | - | - | 1 | 6 | - | - | - |
| Pennsylvania | 1 | 112 | 38 | 27 | - | - | - | - | 36 | - | - | 29 |
| EAST NORTH CENTRAL | 9 | 332 | 612 | 498 | - | - | 1 | 2 | 63 | 8 | 3 | 515 |
| Ohio | 5 | 90 | 85 | 72 | - | - | - | 1 | 27 | 2 | - | 301 |
| Indiana | 2 | 48 | 60 | 71 | - | - | 1 | - | 7 | 3 | 1 | 50 |
| Illinois | 1 | 67 | 116 | 73 | - | - | - | 1 | 13 | 2 | 1 | 73 |
| Michigan | 1 | 94 | 254 | 148 | - | - | - | - | 11 | 1 | 1 | 48 |
| Wisconsin | - | 33 | 97 | 134 | - | - | - | - | 5 | - | - | 43 |
| WEST NORTH CENTRAL | 4 | 131 | 156 | 110 | - | - | - | 1 | 27 | 23 | 8 | 902 |
| Minnesota | 1 | 26 | 10 | 8 | - | - | - | - | 3 | 7 | 5 | 244 |
| Iowa | - | 7 | 22 | 39 | - | - | - | - | 3 | 4 | - | 316 |
| Missouri | 2 | 38 | 62 | - | - | - | - | 1 | 17 | 8 | 1 | 159 |
| North Dakota | 1 | 15 | 32 | 58 | - | - | - | - | - | 1 | - | 35 |
| South Dakota | - | 7 | 6 | 3 | - | - | - | - | 1 | 1 | 2 | 93 |
| Nebraska | - | 25 | - | 1 | - | - | - | - | 1 | 1 | - | 32 |
| Kansas | - | 13 | 24 | 1 | - | - | - | - | 2 | 1 | - | 23 |
| SOUTH ATLANTIC | 10 | 399 | 649 | 325 | 1 | - | - | 1 | 71 | 7 | 4 | 489 |
| Delaware | - | 4 | 12 | 4 | - | - | - | - | 4 | - | - | 1 |
| Maryland | 4 | 57 | 43 | 16 | - | - | - | - | 11 | - | - | 2 |
| Dist. of Columbia | - | 8 | 1 | - | - | - | - | - | - | - | - | - |
| Virginia | - | 86 | 228 | 132 | - | - | - | - | 8 | 3 | 4 | 190 |
| West Virginia | 1 | 21 | 229 | 120 | - | - | - | - | 7 | 1 | - | 112 |
| North Carolina | 3 | 75 | 28 | 30 | - | - | - | 1 | 16 | - | - | 16 |
| South Carolina | - | 22 | 34 | 23 | - | - | - | - | 6 | - | - | 10 |
| Georgia | - | 33 | 5 | - | - | - | - | - | 2 | 1 | - | 80 |
| Florida | 2 | 93 | 69 | - | 1 | - | - | - | 17 | 2 | - | 78 |
| EAST SOUTH CENTRAL | 1 | 146 | 1,122 | 793 | 1 | 1 | - | 2 | 69 | 8 | 2 | 260 |
| Kentucky | - | 31 | 44 | 118 | - | - | - | - | 13 | 2 | 2 | 117 |
| Tennessee | 1 | 68 | 1,008 | 645 | - | - | - | 2 | 29 | 6 | - | 123 |
| Alabama | - | 24 | 7 | 22 | - | 1 | - | - | 11 | - | - | 20 |
| Mississippi | - | 23 | 63 | 8 | 1 | - | - | - | 16 | - | - | - |
| WEST SOUTH CENTRAL | 5 | 194 | 617 | 522 | - | - | 2 | - | 85 | 8 | 6 | 650 |
| Arkansas | - | 14 | 2 | 1 | - | - | - | - | 34 | 5 | 1 | 81 |
| Louisiana | 4 | 78 | 15 | 2 | - | - | - | - | 25 | 2 | - | 49 |
| Oklahoma | 1 | 34 | 26 | 3 | - | - | - | - | 6 | 1 | - | 56 |
| Texas | - | 68 | 574 | 516 | - | - | 2 | - | 20 | - | 5 | 464 |
| MOUNTAIN | 2 | 75 | 1,363 | 1,422 | - | - | 1 | - | 18 | - | 1 | 132 |
| Montana | - | 3 | 73 | 59 | - | - | - | - | - | - | - | - |
| Idaho | - | 6 | 105 | 153 | - | - | - | - | - | - | - | - |
| Wyoming | - | 7 | - | 192 | - | - | - | - | - | - | - | - |
| Colorado | - | 20 | 422 | 552 | - | - | 1 | - | 6 | - | - | 16 |
| New Mexico | - | 4 | 365 | 207 | - | - | - | - | 5 | - | - | 40 |
| Arizona | - | 11 | 115 | 110 | - | - | - | - | 7 | - | 1 | 62 |
| Utah | 2 | 20 | 283 | 149 | - | - | - | - | - | - | - | 3 |
| Nevada | - | 4 | - | - | - | - | - | - | - | - | - | 11 |
| PACIFIC | 2 | 438 | 854 | 1,071 | 3 | - | - | - | 56 | 9 | 3 | 325 |
| Washington | - | 39 | 121 | 310 | - | - | - | - | 3 | - | - | - |
| Oregon | - | 32 | 28 | 10 | - | - | - | - | 2 | - | - | 13 |
| California | 2 | 342 | 620 | 710 | 3 | - | - | - | 48 | 9 | 3 | 303 |
| Alaska | - | 12 | 38 | 38 | - | - | - | - | 1 | - | - | 9 |
| Hawaii | - | 13 | 47 | 3 | - | - | - | - | 2 | - | - | - |
| Puerto Rico | - | 8 | 5 | - | 1 | - | - | - | 13 | - | - | 13 |

## Table 4 (C). TOTAL DEATHS UNDER 1 YEAR OF AGE IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)°

| Area | For weeks ending | | | |
|---|---|---|---|---|
| | 11/2 | 11/9 | 11/16 | 11/23 |
| NEW ENGLAND: | | | | |
| Boston, Mass. | 17 | 12 | 16 | 14 |
| Bridgeport, Conn. | - | 1 | 3 | 4* |
| Cambridge, Mass. | 2 | - | - | 3 |
| Fall River, Mass. | 2 | - | - | 3 |
| Hartford, Conn. | 4 | 6 | 4 | 6 |
| Lowell, Mass. | 1 | - | 2 | 2 |
| Lynn, Mass. | - | - | 1 | - |
| New Bedford, Mass. | 3 | 1 | 1 | 1* |
| New Haven, Conn. | 2 | 2 | 17 | 6 |
| Providence, R.I. | 6 | 9 | 4 | 3 |
| Somerville, Mass. | - | - | - | - |
| Springfield, Mass. | 2 | - | 3 | 1 |
| Waterbury, Conn. | 7 | 2 | - | 5 |
| Worcester, Mass. | 3 | 1 | - | 3 |
| MIDDLE ATLANTIC: | | | | |
| Albany, N.Y. | - | 4 | 2 | 1 |
| Allentown, Pa. | - | - | 2 | 1 |
| Buffalo, N.Y. | 7 | 4 | 8 | 6 |
| Camden, N.J. | 5 | 3 | 4 | 5 |
| Elizabeth, N.J. | 2 | 2 | 1 | 2 |
| Erie, Pa. | 1 | - | 4 | 1 |
| Jersey City, N.J. | 3 | 3 | 5 | 7 |
| Newark, N.J. | 4 | 29 | 6 | 4 |
| New York City, N.Y. | 78 | 80 | 75 | 91 |
| Paterson, N.J. | 3 | 2 | 1 | 4 |
| Philadelphia, Pa. | 19 | 37 | 19 | 28 |
| Pittsburgh, Pa. | 10 | 7 | 10 | 9 |
| Reading, Pa. | 1 | 1 | - | 3 |
| Rochester, N.Y. | 5 | 6 | 8 | 5 |
| Schenectady, N.Y. | - | 1 | - | - |
| Scranton, Pa. | - | 1 | - | - |
| Syracuse, N.Y. | 7 | 5 | 1 | 5 |
| Trenton, N.J. | 3 | 2 | 4 | 1 |
| Utica, N.Y. | - | 1 | 1 | 2 |
| Yonkers, N.Y. | 1 | 1 | 1 | - |
| EAST NORTH CENTRAL: | | | | |
| Akron, Ohio. | 4 | 3 | 3 | 6 |
| Canton, Ohio. | - | 1 | 1 | - |
| Chicago, Ill. | 49 | 50 | 46 | 49 |
| Cincinnati, Ohio. | 7 | 8 | 12 | 13 |
| Cleveland, Ohio. | 14 | 23 | 8 | 17 |
| Columbus, Ohio. | 7 | 7 | 8 | 13 |
| Dayton, Ohio. | 4 | 6 | 4 | 4 |
| Detroit, Mich. | 30 | 18 | 20 | 18 |
| Evansville, Ind. | 4 | 5 | - | 2 |
| Flint, Mich. | 2 | 4 | 8 | - |
| Fort Wayne, Ind. | 3 | 6 | 2 | 2 |
| Gary, Ind. | 9 | 3 | 1 | 7 |
| Grand Rapids, Mich. | 6 | 2 | 6 | 4 |
| Indianapolis, Ind. | 18 | 10 | 13 | 5 |
| Madison, Wis. | 10 | 4 | 5 | 6 |
| Milwaukee, Wis. | 6 | 8 | 7 | 7 |
| Peoria, Ill. | 4 | 2 | 7 | 4 |
| Rockford, Ill. | 3 | - | 1 | 2* |
| South Bend, Ind. | 1 | 3 | 2 | 4 |
| Toledo, Ohio. | 5 | 6 | 3 | 6 |
| Youngstown, Ohio. | 2 | 2 | 2 | 1 |
| WEST NORTH CENTRAL: | | | | |
| Des Moines, Iowa. | 6 | 2 | 3 | 1 |
| Duluth, Minn. | - | 1 | 1 | - |
| Kansas City, Kans. | 1 | 6 | 1 | 3* |
| Kansas City, Mo. | 16 | 3 | 6 | 2 |
| Lincoln, Nebr. | 1 | 2 | 3 | 2 |
| Minneapolis, Minn. | 7 | 6 | 6 | 10 |
| Omaha, Nebr. | 4 | 13 | 4 | 6 |
| St. Louis, Mo. | 22 | 12 | 11 | 11 |
| St. Paul, Minn. | 7 | 2 | 3 | 4 |
| Wichita, Kans. | 4 | 4 | 1 | 4 |
| SOUTH ATLANTIC: | | | | |
| Atlanta, Ga. | 18 | 6 | 7 | 20 |
| Baltimore, Md. | 18 | 17 | 20 | 16 |
| Charlotte, N.C. | 5 | 3 | 3 | 4 |
| Jacksonville, Fla. | 2 | 7 | 5 | 4 |
| Miami, Fla. | 2 | 6 | 6 | 1 |
| Norfolk, Va. | 3 | 7 | 4 | 2 |
| Richmond, Va. | 8 | 11 | 4 | 7 |
| Savannah, Ca. | 3 | 3 | 3 | 1 |
| St. Petersburg, Fla. | - | - | 2 | 3 |
| Tampa, Fla. | 4 | 3 | 3 | 3 |
| Washington, D.C. | 28 | 19 | 11 | 13 |
| Wilmington, Del. | 4 | 2 | 2 | 4 |
| EAST SOUTH CENTRAL: | | | | |
| Birmingham, Ala. | 3 | 8 | 6 | 3 |
| Chattanooga, Tenn. | 1 | 5 | 2 | 2 |
| Knoxville, Tenn. | 2 | 3 | 1 | 2 |
| Louisville, Ky. | 17 | 6 | 7 | 15 |
| Memphis, Tenn. | 11 | 14 | 12 | 15 |
| Mobile, Ala. | 1 | 4 | 4 | 2 |
| Montgomery, Ala. | 2 | 1 | 4 | - |
| Nashville, Tenn. | 5 | 5 | 5 | 4 |
| WEST SOUTH CENTRAL: | | | | |
| Austin, Tex. | 5 | 1 | 3 | 3 |
| Baton Rouge, La. | 3 | 2 | - | 2 |
| Corpus Christi, Tex. | 5 | 2 | 1 | 5 |
| Dallas, Tex. | 11 | 15 | 11 | 10 |
| El Paso, Tex. | 2 | 4 | 5 | 6 |
| Fort Worth, Tex. | 4 | 5 | 2 | 3 |
| Houston, Tex. | 26 | 12 | 10 | 3 |
| Little Rock, Ark. | 3 | 3 | 6 | - |
| New Orleans, La. | 14 | 20 | 23 | 9 |
| Oklahoma City, Okla. | 2 | 10 | 10 | 5 |
| San Antonio, Tex. | 6 | 3 | 11 | 12 |
| Shreveport, La. | 5 | 7 | 3 | 4 |
| Tulsa, Okla. | 3 | 8 | 4 | 3 |
| MOUNTAIN: | | | | |
| Albuquerque, N. Mex. | 4 | 8 | 3 | 3 |
| Colorado Springs, Colo. | - | 1 | 2 | - |
| Denver, Colo. | 9 | 6 | 9 | 10 |
| Ogden, Utah. | 2 | 2 | - | 1 |
| Phoenix, Ariz. | 8 | 6 | 5 | 14 |
| Pueblo, Colo. | 2 | 1 | 1 | 1 |
| Salt Lake City, Utah. | 3 | 6 | 4 | 2 |
| Tucson, Ariz. | 1 | 3 | 3 | 4 |
| PACIFIC: | | | | |
| Berkeley, Calif. | 2 | 1 | 2 | 1* |
| Fresno, Calif. | 2 | 2 | 3 | 6 |
| Glendale, Calif. | 1 | - | - | - |
| Honolulu, Hawaii. | 10 | 5 | 7 | 7 |
| Long Beach, Calif. | 1 | 2 | 5 | 6 |
| Los Angeles, Calif. | 38 | 36 | 40 | 32 |
| Oakland, Calif. | 9 | 4 | 8 | 3 |
| Pasadena, Calif. | 2 | - | - | 3 |
| Portland, Oreg. | 8 | 5 | - | 5 |
| Sacramento, Calif. | 1 | - | 2 | 1 |
| San Diego, Calif. | 6 | 4 | 4 | 4 |
| San Francisco, Calif. | 7 | 14 | 13 | 12 |
| San Jose, Calif. | 6 | 4 | 2 | 2 |
| Seattle, Wash. | 9 | 4 | 6 | 7 |
| Spokane, Wash. | 3 | 2 | 3 | 1 |
| Tacoma, Wash. | 1 | 2 | 4 | 1 |
| San Juan, P.R. | (---) | (---) | (---) | (---) |

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

°Current Week Mortality for 108 Selected Cities

| | |
|---|---|
| 4(A) Total Mortality, all ages | 11,454 |
| 4(B) Pneumonia-Influenza Deaths, all ages | 413 |
| 4(C) Total Deaths under 1 Year of Age | 707 |
| 4(D) Total Deaths, Persons 65 years and over | 6,455 |

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tied with the outbreak in Kentucky, Tennessee, and Alabama.

*(Reported by Dr. W. H. Y. Smith, M.P.H., Director, Bureau of Preventable Disease, and Ira L. Myers, M.D., State Health Officer, Alabama Department of Public Health.)*

### Minnesota

A single case of botulism related to the consumption of non-commercially processed smoked fish was reported this week from Minnesota.

On November 11, the patient, a 65-year-old man, was given a box containing several smoked ciscoes by a hunting companion. Upon returning home, he refrigerated them. Three days later, he consumed three of the fish and gave two to his dog. Before finishing the meal, the man became nauseated and attempted, unsuccessfully, to induce vomiting. His dog acted peculiarly after eating the fish and was allowed to sleep in the house that night. During the night, the dog was heard to yelp and was found to be vomiting and apparently convulsing. The dog was led out of the house to recover. He eventually recovered uneventfully.

The following morning, the patient noted symptoms of diplopia and difficulty in walking and swallowing. He did not, however, seek medical attention. On November 16, upon a neighbor's insistence, he was taken to a hospital in a nearby town for examination. Symptoms by this time had diminished. The patient was found to have a slow pulse, no fever and no evident paralysis. Botulism was suspected and antitoxin administered.

No fish were available for examination; the remainder having been burned by the patient.

*(Reported by Dr. C. B. Nelson, Chief, Section of Acute Diseases, Minnesota Department of Health.)*

## EPIDEMIOLOGICAL REPORT

### Dengue Fever – Puerto Rico

During the week ended November 23, 1,733 cases of dengue fever were officially reported to the Puerto Rico Department of Health. This brings the 1963 total to 21,388 cases.

*(Reported by Rafael Timothee, M.D., Director, Preventive Medical Services, Puerto Rico Department of Health, and a team from the Communicable Disease Center.)*

## INTERNATIONAL NOTES – QUARANTINE MEASURES

### Dengue Fever – Jamaica

For the week ending November 9, 29 cases of dengue fever were officially reported in Jamaica. These cases bring the cumulative total to 1,087 thus far in 1963.

*(Reported by Dr. Ruth Puffer, Pan American Health Organization, Washington.)*

### Quarantine Measures

No additional pertinent information or changes.

In addition to the established procedures for reporting morbidity and mortality, the Communicable Disease Center welcomes accounts of interesting outbreaks or cases. Such accounts should be addressed to:

Lawrence K. Altman, M.D., Editor
Morbidity and Mortality Weekly Report
Communicable Disease Center
Atlanta, Georgia 30333

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